



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of:

VASSILI T. MIKHALTSEVITCH ET AL.

Serial No.: 10/534,024

Filed: December 5, 2005

For: PROBE COIL FOR DETECTING

NQR-RESPONSIVE MATERIALS

IN LARGE VOLUMES

Art Unit: 2859

Examiner: VAUGHN, MEGANN E.

INFORMATION DISCLOSURE STATEMENT FILED UNDER 37 C.F.R. § 1.97(c)(2)

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants wish to make of record in the above-identified application the document or documents referenced on the attached Form PTO-1449. A copy of each non U.S. reference is enclosed herewith. Further, applicants are submitting herewith:

Ш	Check in the amount of $$180.00$ to cover the required fees under 37
	C.F.R. § 1.17(p) for submission of this Information Disclosure Statement

The Commissioner is hereby authorized to charge the amount of \$180.00 to

Deposit Account 50-2613 to cover the required fees under 37 C.F.R. § 1.17(p) for

submission of this Information Disclosure Statement, and a copy of this

82/89/2687 SZEWDIE1 88686833 502613 10534024

authorization is attached. 91 FC:1896 180.09 DA

The Commissioner is hereby authorized to charge payment of any additional fees associated with this communication or credit any overpayment to Deposit Account 50-2613.

Serial No.: 10/534,024 Attorney's Docket No.: WRA0012-US

Art Unit: 2859 Page 2

Inventor: Vassili T. MIKHALTSEVITCH et al.

It is respectfully requested that the information be expressly considered during the prosecution of this application, and that each reference be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This submission does not represent that any referenced document is material or constitutes "prior art." If it should be determined that one or more of the referenced documents constitute "prior art" under United States law, Applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of the reference or references.

Applicants further reserve the right to take appropriate action to establish the patentablity of the disclosed invention over any referenced document, should it be applied against the claims of the present application.

PAUL, HASTINGS, JANOFSKY & WALKER LLP

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5 Respectfully submitted,

VASSILI T. MIKHALTSEVITCH ET AL.

Date: February 8, 2007 By: Michael Bednarek

Registration No. 32,329

MB/LDE/GS/ggb

Customer No. 36183



PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031 U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449A/PTO	Complete if Known		
INFORMATION DISCLOSURE	Application Number	10/534,024	
	Filing Date First Named Inventor	DECEMBER 5, 2005	
STATEMENT BY APPLICANT		VASSILI T.	
		MIKHALTSEVITCH	
(use as many sheets as necessary)	Art Unit	2859	
	Examiner Name	VAUGHN, MEGANN E.	
Sheet 1 of 2	Attorney Docket Number	WRA0012-US	

	U.S. PATENT DOCUMENTS						
Examiner	Cite No.1	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
Initials		Number- Kind Code ² (if known)	MM-DD-YYYY	Applicant of Cited Document			
	1	US-5,168,224	12/01/1992	MARUIZUMI ET AL.			
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FOREIGN PATENT DOCUMENTS							
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**Applicant's unique citation designation number (optional). **See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. **Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). **For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. **Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. **Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known			
INFORMATION DISCLOSURE				Application Number	10/534,024
	=			Filing Date	DECEMBER 5, 2005
STATEMENT BY APPLICANT			LICANT	First Named Inventor	VASSILI T.
(use as many sheets as necessary)					MIKHALTSEVITCH
				Group Art Unit	2859
				Examiner Name	VAUGHN, MEGANN E.
Sheet	2	of	2	Attorney Docket Number	WRA0012-US
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		OTHER PRIOR ART NON PATENT LITERATURE DOCUMENTS	
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		S.S. Kim et al, "Experimental Investigations of the strong Off-Resonant Comb (SORC) Pulse Sequence in NQR", Z. Naturforsch, Vol. 47a, 1992, pp. 415-420.	
		Rudakov, T.N. et al., "A System of Coils for Detecting Signals of Nuclear Quadrupole Resonance", Instruments and Experimental Techniques, Vol. 41, 1998, pp. 398-400.	
		Hirschfeld, T. and Klainer, S.M., "Short Range Remote NQR Measurements", Journal of Molecular structure, Vol. 58, 1980, pp 63-77.	
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		Hayes, C.E. et al, "Radio Frequency Resonators", Magnetic Resonance Imaging, ed by C. L. Partain, R.R. Price, J.A. Patton, M.V. Kulkarni, A.E. James, Saunders, 1988, pp. 1183-1200.	

Examiner Signature	Date Considered	

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